Michael's Draw™

Revolutionary Product– Event One introduces a

preliminary Michael's Draw™, a combination object-oriented draw program with image synthesis. By using "text binding" and "flow text" draw objects, even the non-professional can create exciting designs. Synthesis includes unlimited clipping, cutting and combining of draw objects. On color machines, synthesis features full color and gradient blending of objects; "Jaggies" are smoothed, and poor kerning of small text is greatly reduced.

Meeting New Needs– new technologies are changing

desktop graphics: fast outline fonts, color displays, laser and color printers. Draw and illustration programs offer quality output on high-resolution printers. But none, except Michael's Draw, also offers image smoothing for color displays and printers. And Michael's Draw allows you to program your own special effects.

Great Price– The show price is $46.73 ($50 with tax). You

receive program and tutorial disks, a user's guide, and delivery of the final 1.0 release, scheduled this April. Release 1.0 includes an improved tutorial and final tested product. An introductory price of $79 applies until April 15th, 1991. If not satisfied, you may return the product within 60-days for a full refund.

Big Feature List– See Reverse Side.

Michael's Draw™
(Preliminary)

- **Navigation:** allows 8000 named views accessible with keys, menu, dialog, cursor key, or tool palette; zoom out, in, or normal (tool & key); pan with hand or box; auto-scroll; scroll bars; multiple document slide shows.
- **General Editing:** show size; grid snap (& override); custom rulers; preference or project preferences; cursor feedback; "underneath object" selection; optional preselection highlighting; option-key selection (as in Finder); move, stretch, scale all objects; cursor nudge (and option); flip, 90° rotations, 1° free rotation .
- **Graphic Objects:** create standard objects plus regular polygon. Polygon edits with move, insert, delete vertices; split and join; shear, distort, perspective (repeatable vanishing points); shape changes of open, closed with smooth or not. Reshape arcs by 1°. Reposition line vertex. Polygon conversion.
- **Graphic Attributes:** textures of patterns (any number, editable) and two colors optional "clear" color; 48-bit Color Quickdraw (16-bits each for red, green, blue); color blend; 4 change methods of menus, "proxy" dialogs, "proxy" floating palettes (line, pattern, color) , and "grab attribute" tools; load attributes by double click; double-click graphic tools before drawing; "centering" for lines and all rectangle types; proportional or fixed rounded corners; conversion between ovals, rectangles, and rounded rectangles; lines with arrows and fractional or decimal auto-dimension with full font style, color.
- **Text Attributes:** paragraph, caption with any character style for all characters (including color and color blending); custom line spacing; case changing; justification; color background texture; local and global attributes; 5 access methods of menus, "proxy" dialogs, "proxy" floating palette, and "grab attribute" tools, instant command key grab style; also load global and change attribute by double click; triple click select all.
- **Bind Text to any Polygon:** automatic polygon conversion; rebind (without unbinding); left, right, center, justified; tangential stretch; tracking & kerning; 90° "book binding" rotation; on-screen; auto rebind rotate, stretch & flipping; on screen.
- **Flow Text:** any number text objects to interior of any number polygons; reflow without unflow; preserve text style and line spacing; justification preserved or left, center, right or full; color blend; rotate, stretch, flip, normalization: on screen.
- **Library Tools Across Windows:** grab attributes; copy to/from windows; replace selected objects; scroll and window cycle of non-active windows; libraries as standard documents.
- **Paste, Object Ordering:** traditional & "in-front", and "behind"; "same place" for above. Bring Front, Send Back plus quick-click ordering tool.
- **Align/Distribute:** standard align, distribute on independent axes; floating align tool including pie-chart align of arcs, wedges.
- **Pictures & Bitmaps:** import bitmaps, standard editable objects or picture objects, EPSF and color images. Linked image files from disk with verification and redraw or relink. Optional Bi-color/clear colors for all except linked.
- **Multiple Copy Special Effects:** circular, spiral, linear, geometric arrangements; gradients with color blend.
- **Layers:** allows 8000 named layers with keys, menu, dialog, cursor key, and tool palette access; "active" layer with "Multi-Layer Selection" mode; show/hide.
- **Image Format:** black and white, or color images with 288 or 72-dpi resolution of rectangular image (scalable for other resolutions); formats of 1-bit, 2-bit (gray), 4-bit (gray, color, palette), 8-bit (gray, color, palette), or 16-bit or 24-bit full color; any pixels can be transparent; image sizes to 12,000 X 12,000; direct anti-aliasing to size 3000X3000 pixels; internal or "dither when used"; 2-megabyte (1 megabyte for black and white) Macintosh memory sufficient for all image sizes.
- **Scripted Image Processing:** supports 8000 image commands in script; 9 reusable image buffers & mattes (transparency control) with 9 auxiliary mask buffers for clipping, cutting, or any image holes; over 30 different commands on image buffers including blending, noise, image extraction, adding, subtracting, etc.; optional masking for most commands; access all objects in hidden draw layers; debug commands; worst case color scripts (with all buffers, sizes, formats) may require just over 2-megabytes of Macintosh memory.
- **Printing:** control of scaling (including metric scaling), color, selection of pages. Direct control over printer resolution; support for printing to Quickdraw, 32-bit Color Quickdraw, postscript and color postscript printers; maximum drawing size on most Quickdraw printers is 14 feet by 14 feet (much larger on some postscript printers with page setup scaling).
- **EPSF Output in Illustrator 1.1 Format:** allows direct edit by postscript programs, export to other computer types, or re-import to program for additional scaling/rotating, etc.
- **Project Support:** save positions and scroll bars of all documents; positions and on/off of floating palettes; color palette, patterns, and preferences; save and restore work environment.
- **Help Environment:** instant help is always available within floating window and underneath dialogs.
- **Tutorials:** tutorial projects allow access to program features to encourage experimentation; learn by doing.
- **Support for Macintoshes:** 1-megabyte Macintosh Plus to Macintosh IIfx; at least System 6.05.
- **For ATM Users:** Special ATM Magic for quick rotated/flip/scale/stretch text.
- **Better Memory Technology:** open 8 full-color documents across multiple screens with no significant increase in memory. No additional memory requirements for rotatedt/stretched objects, or zooming.